

FIG.3a

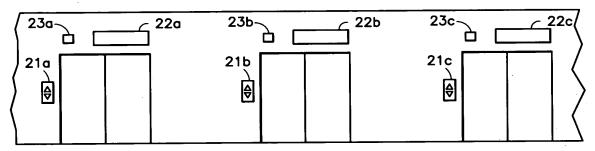
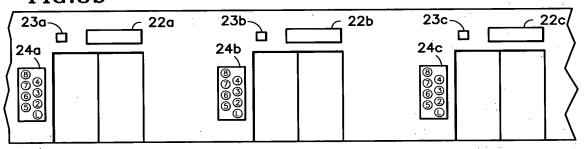


FIG.3b



IG.4	EVALUATION OF	EVALUATION OF SHUTTLE ELEVATORS IN AN ULTRAHIGH BUILDING	IN AN ULTRAHIGH BUIL	DING
	OPERATION PATTERN	S	SYSTEM OF THIS INVENTION	7
	IN PRIOR ART	OPERATION PATTERN A	OPERATION PATTERN B	OPERATION PATTERN C
	Σ	×	×	×
400m	SKY LOBBY (c)	SKY LOBBY (c)	SKY LOBBY (c)	SKY LOBBY (c)
				200
300m	SKY LOBBY (b)	SKY LOBBY (b)	SKY LOBBY (b)	SKY LUBBY (b)
200m	SKY LOBBY (a)	SKY LOBBY (a)	SKY LOBBY (a)	SKY LOBBY (a)
100m				
00	BUILDING LOBBY L	BUILDING LOBBY L	BUILDING LOBBY L	BUILDING LOBBY L
	d	Ы	a]	된 니
ROUND TRIP TIME	204.06 SEC.	117.45 SEC.	142.45 SEC.	167.45 SEC.
TRANSPORTING ABILITY (PER 5 MIN.)	64.68 PASSENGERS	112.38 PASSENGERS	92.66 PASSENGERS	78.82 PASSENGERS
AVERAGE ROUND TRIP TIME	204.06 SEC.		142.45 SEC.	
AVERAGE TRANSPORTING ABILITY (PER 5 MIN.)	64.68 PASSENGERS		94.62 PASSENGERS	
KEY	P PIT M MECHANIC	M MECHANICAL CHAMBER L LOBBY	SERVICE FLOOR	EXPRESS REGION

EVALUATION OF SHUTTLE ELEVATORS IN AN RELATIVELY LOW BUILDING (MEETING HALL, MOVIE THEATER, STORE, ETC.) FIG.5

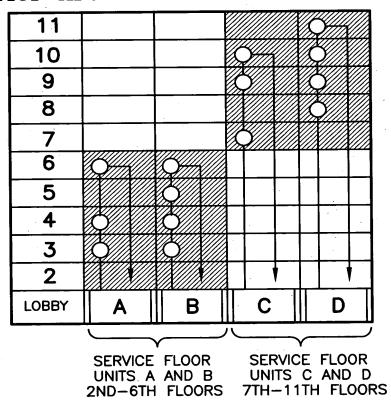
	OPERATION PATTERN	S	SYSTEM OF THIS INVENTION	~
	<u> </u>	OPERATION PATTERN A	OPERATION PATTERN B	OPERATION PATTERN C
		[3	[2	Σ
	M	Σ		(3) 800 15
30m	FL00R (c)	FLOOR (c)	FLOOR (c)	TLOOK (C)
	(4) 000 13	FI OOR (b)	FLOOR (b)	FLOOR (b)
E NOZ	- 1			
10m	FLOOR (a)	FLOOR (a)	FLOOR (a)	FLOOR (a)
		2000	ABOT SNIG III Id	BUILDING LOBBY L
mo	BUILDING LOBBY L	BUILDING LOBBT L	T	ā
	Ы	<u> </u>		-
ROUND TRIP TIME	118.07 SEC.	67.78 SEC.	81.12 SEC.	94.45 SEC.
TRANSPORTING	55 90 PASSENGERS	97.37 PASSENGERS	81.36 PASSENGERS	69.88 PASSENGERS
ABILITY (PER 5 MIN.)				
AVERAGE ROUND	118.07 SEC.		81.11 SEC.	
ואור ואר				
AVERAGE TRANSPORTING	55.90 PASSENGERS		82.87 PASSENGERS	
אסובווו (רבו כ וווויי)	TO DIT MIMECHANIC	M MECHANICAL CHAMBER L LOBBY	SERVICE FLOOR	EXPRESS REGION
KEJ		1		

FIG.6 Prior Art

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4		5			5)				
3	[5)				
2					1		١				
LOBBY		Α		В		С			D		

FIG.7 Prior Art



SERVICE FLOOR SECTOR SERVICE FLOOR SECTOR 6–8 ပ 2-5 SERVICE FLOOR SECTOR $\mathbf{\omega}$ 9-11 SERVICE FLOOR ⋖ PASSENGERS FROM LOBBY FLOOR LOBBY 9 တ S 9 3 ∞ 4

FIG.8 Prior Art

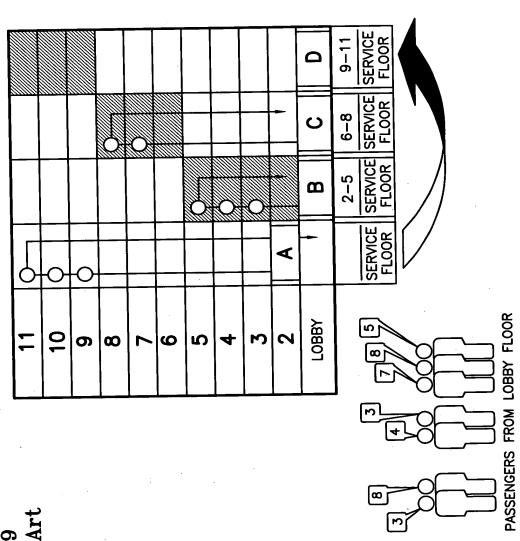


FIG.9 Prior Art

SERVICE FLOOR 9-11 SERVICE FLOOR ပ 2-5 SERVICE FLOOR മ 6-8 SERVICE FLOOR ⋖ PASSENGERS FROM LOBBY FLOOR LOBBY 9 2 တ 6 S 3 ∞ 4

FIG.10 Prior Art

SERVICE FLOOR SERVICE FLOOR 9-9 C SERVICE FLOOR SECTOR NUMBER 2-2 $\mathbf{\omega}$ SERVICE FLOOR 9-11 ⋖ LOBBY 10 ~ တ 3 ∞ 9 S 4

FIG.11 Prior Art

SERVICE FLOOR SERVICE FLOOR O တ SERVICE FLOOR 2-8 $\mathbf{\omega}$ SERVICE FLOOR 10-11 ⋖ NUMBER OF PASSENGERS 20 10 ဖ 2 4 2 LOBBY တ ∞ 9 S 4 2

FIG.12 Prior Art

SERVICE FLOOR SERVICE FLOOR ပ 2-6 SERVICE FLOOR മ SERVICE FLOOR 7-11 4 NUMBER OF PASSENGERS ď 2 ဖ 0 2 4 0 2 3 LOBBY ဖ S 2 ∞ 4 တ

FIG.13 Prior Art